|   | er ID 62648<br>ober 06, 2010 8:14 | 4:15 AM                       |  |                          |                          |        |              |               |               |                 | Page 1 |
|---|-----------------------------------|-------------------------------|--|--------------------------|--------------------------|--------|--------------|---------------|---------------|-----------------|--------|
| Revision ID:                                | D3551-11  Hook and Loop Tie       | 40                            | A  | Accept                   |                          |        |              | s s           | _             |                 |        |
| Start Date:<br>Required Date:<br>Reference: |                                   | rt Qty: 3600<br>q'd Qty: 3600 |  |                          | Cust Item I<br>Customer: | D:     |              |               |               |                 |        |
| Approvals:                                  | Process Plan:QC:                  |                               | Date:////////////////////////////////////            | Tooling:<br>SPC (Y/N):   |                          | nte:   |              | F             |               | '400            |        |
| Sequence ID/<br>Work Center ID              | •                                 | eration<br>cription           |  | Set Up/<br>Run Hours     | Tool ID                  | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Numbe |        |
| Draw Nbr                                    | Revision                          | Nbr                           |  |                          |                          | -      |              |               |               |                 |        |
| D3551                                       | Rev A                             |                               |  |                          |                          |        |              |               |               |                 |        |
| 100<br>Purchasing                           | PUR                               | CHASING<br>Memo               |  | 0.00                     |                          |        |              |               | £ 10          | 110/01          | e (36) |
| Purchasing                                  |                                   | Issue P/O: _<br>Carr□Certif   | 12702 □Purchase Part Nicate of conformity is require | lumber: 6605K56□Su<br>ed | pplier: Mc Master        |        |              |               |               |                 |        |
|   | Rece                              | vive & Inspect for Da         | amage & Mat'l Certs                                  | 0.00                     |                          |        |              |               | 7<br>1) h     | Vile            | (34)40 |
| Packaging Packaging                         |                                   | Memo<br>Ensure certi          | ficate of conformity is attach                       | 0.00<br>ed               |                          |        |              |               | / <del></del> | 7 9 9 1         |        |
| 120 .                                       | QC6                               | - Inspect dimension           | s to drawing ,                                       | 0.00                     | . 1                      |        |              | cour          | _             |                 |        |
| QC  |                                   | Memo                          |  | 0.00                     | 110/12                   |        |              | (X, 1)        | ノ <u>ー</u>    |                 |        |

Quality Control

| Dart Aeros | pace Ltd |
|------------|----------|
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| W/O:    |      | WORK ORDER CHANGES                      |                        |                              |          |                |      |          |                               |                       |  |  |  |  |  |
|---------|------|---|------------------------|------------------------------|----------|----------------|------|----------|-------------------------------|-----------------------|--|--|--|--|--|
| DATE    | STEP | PRO                                     | DCEDURE CHA            | NGE                          | 1        | Ву             | Date | Qty      | Approval Chief Eng / Prod Mgr | Approval QC Inspector |  |  |  |  |  |
|         |      |   |                        |                              |          |                |      |          | Frod Wigi                     |                       |  |  |  |  |  |
|         |      |   |                        |                              |          |                |      |          |                               |                       |  |  |  |  |  |
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|         |      |   |                        |                              |          |                |      |          |                               |                       |  |  |  |  |  |
| Part No | •    |   | PAR #: Fault Category: |                              |          |                |      |          | NCR: Yes No DQA: Date:        |                       |  |  |  |  |  |
|         | Re   | esolution:                              | Dispositio             | _ QA: N                      | I/C Clo  | sed:           |      | Date: _  |                               |                       |  |  |  |  |  |
| NCR:    |      |   | WORK ORD               | ER NON-CONFORMA              | ANCE (   | NCR)           |      |          |                               |                       |  |  |  |  |  |
| D.47F   | 0755 | Description of NC                       |                        | on B                         | Verifica |                |      | Approval | Approval                      |                       |  |  |  |  |  |
| DATE    | STEP | Section A                               | Initial<br>Chief Eng   | Action Description Chief Eng |          | Sign &<br>Date |      | ion C    | Chief Eng                     | QC Inspector          |  |  |  |  |  |
|         |      |   |                        |                              |          |                |      |          |                               |                       |  |  |  |  |  |
|         |      |   |                        |                              |          |                |      |          |                               |                       |  |  |  |  |  |
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|         |      |   |                        |                              |          |                |      |          |                               |                       |  |  |  |  |  |

NOTE: Date & initial all entries

### Work Order ID 62648

Wednesday, October 06, 2010 8:14:15 AM



Page 2

Item ID:

D3551-11

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Hook and Loop Tie

**Start Date:** 

10/6/2010

**Start Oty: 33.00** 

**Required Date: 10/15/2010** 

Req'd Oty: 33.00



Date:

**Cust Item ID:** 

**Customer:** 

Tool ID

Reference:

Approvals:

OC:

Process Plan:

Date:

**Tooling:** 

Date:

Date:

Run Start

Stop

Sequence ID/ Work Center ID

130

Packaging

Packaging

140

Operation Description

Identify as per dwg & Stock Location:

Memo

Set Up/ Run Hours

SPC (Y/N):

0.00

0.00

Tool # Plan

Accept Qty Code

Reject Otv

Reject Number

Insp. Stamp

0.00

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

10/10/12/1/ MF

| <b>Dart Aeros</b> | pace Ltd |
|-------------------|----------|
|-------------------|----------|

| W/O:    |      |                   | W  | ORK ORDER CHANGE          | ES          |                  |                                     | 3                        |
|---------|------|-------------------|--|---------------------------|-------------|------------------|-------------------------------------|--------------------------|
| DATE    | STEP | PRO               | OCEDURE CHA                                    | ANGE                      | Ву          | Date Qty         | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|         |      |                   |  |                           |             |                  |                                     |                          |
|         |      |                   |  |                           |             |                  |                                     |                          |
|         |      |                   |  |                           |             |                  |                                     |                          |
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|         |      |                   |  |                           |             |                  |                                     |                          |
| Part No | •    | PAR #:            | Fault Cate                                     | NCR: Yes                  | No DQA:     | Date: _          |                                     |                          |
|         | Re   | esolution:        | Disposition                                    | on:                       | sed:        | Date: _          |                                     |                          |
| NCR:    |      |                   | WORK ORD                                       | ER NON-CONFORMA           | NCE (NCR    | )                | 177.                                |                          |
|         |      | Description of NC |  | Corrective Action Section |             | Verification     | Approval                            | Approval                 |
| DATE    | STEP | Section A         | Initial Action Description Chief Eng Chief Eng |                           | Sign & Date | Sign & Section C |                                     | QC Inspector             |
|         |      |                   |  |                           |             |                  |                                     |                          |
|         |      |                   |  |                           |             |                  |                                     |                          |
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|         |      |                   |  |                           |             |                  |                                     |                          |
|         |      |                   |  |                           |             |                  |                                     |                          |

NOTE: Date & initial all entries

### Picklist Print

Wednesday, October 06, 2010 8:14:19 AM

Work Order ID: 62648

Parent Item:

D3551-11

Parent Item Name: Hook and Loop Tie



Start Date: 10/6/2010

**Required Date:** 10/15/2010

Page 1

**Start Qty: 33.00** 

Required Qty: 33.00

Comments:

IPP Rev:A New Issue 06-09-27 JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 6605K56                         |                        | Purchased     | No          |                     |                  | 110             | Each               | 0.0000         | 1           | 23 40        | 2             |                | -      |
| HOOK AND LOOP TIE               |                        |               |             |                     |                  |                 |                    |                |             | //           | 14/1/8        | (3             | 6 40   |

HOOK AND LOOP TIE

# **Dart Aerospace Ltd**

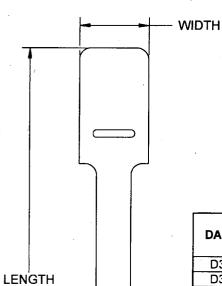
| W/O:          |      | WORK ORDER CHANGES |                             |                              |      |                |              |        |                               |                          |  |  |  |  |
|---------------|------|--------------------|-----------------------------|------------------------------|------|----------------|--------------|--------|-------------------------------|--------------------------|--|--|--|--|
| DATE          | STEP | PRO                | OCEDURE CHAN                | NGE                          |      | Ву             | Date         | Qty    | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |  |  |  |  |
|               |      |                    |                             |                              |      |                |              |        |                               |                          |  |  |  |  |
|               |      |                    |                             | *                            |      |                |              |        |                               |                          |  |  |  |  |
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|               |      |                    | ,                           |                              | ÷    |                |              |        |                               |                          |  |  |  |  |
| Part No       | :    | PAR #:             | Fault Cate                  | gory:                        | NC   | R: Yes         | No <b>DQ</b> | A:     | _ Date: _                     |                          |  |  |  |  |
|               | R    | esolution:         | Disposition                 | n:                           | QA   | : N/C CI       | osed:        |        | Date: _                       |                          |  |  |  |  |
| NCR:          |      | ı                  | WORK ORDE                   | R NON-CONFORM                | ANCE | E (NCF         | ₹)           |        |                               |                          |  |  |  |  |
| P. A **** P** | OTED | Description of NC  | Corrective Action Section B |                              |      |                | Verific      | cation | Approval                      | Approval                 |  |  |  |  |
| DATE          | STEP | Section A          | Initial<br>Chief Eng        | Action Description Chief Eng |      | Sign 8<br>Date | k Secti      |        | Chief Eng                     | QC Inspector             |  |  |  |  |
|               |      |                    |                             |                              |      |                |              |        |                               |                          |  |  |  |  |
|               |      | ,                  |                             |                              |      |                |              |        |                               | <u> </u>                 |  |  |  |  |
|               |      |                    |                             |                              |      |                |              | •      |                               |                          |  |  |  |  |
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|               |      |                    |                             | ·                            |      |                |              |        |                               |                          |  |  |  |  |

NOTE: Date & initial all entries



| DESIG    | N<br>E | DRAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |              |  |  |  |  |  |
|----------|--------|----------|--|--------------|--|--|--|--|--|
| CHEC     | KED    | APPROVED | DRAWING NO.                                    | REV. A       |  |  |  |  |  |
| "        | 41     |          | D3551  | SHEET 1 OF 1 |  |  |  |  |  |
| DATE     |        |          | TITLE  | SCALE        |  |  |  |  |  |
| 06.08.28 |        |          | HOOK AND LOOP TIE                              | NTS          |  |  |  |  |  |
| REV      |        | DATE     | DESCRIPTION                                    |              |  |  |  |  |  |
| Α        |        | 06.08.28 | NEW ISSUE                                      |              |  |  |  |  |  |

# **SPECIFICATION CONTROL DRAWING**



# SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO 14 MENT WITH WITH WORK ORDER NO. LOWER MARCO OF

| DART P/N | LENGTH<br>(in) | WIDTH<br>(in) | MCMASTER-<br>CARR P/N | SPEEDTECH P/N |
|----------|----------------|---------------|-----------------------|---------------|
| D3551-1  | 6              | 1             | 6605K51               | SW.75X6BK889  |
| D3551-3  | 8              | 1             | 6605K52               | SW.75X8BK889  |
| D3551-5  | 11             | 1             | 6605K53               | SW.75X11BK889 |
| D3551-7  | 15             | 1.5           | 6605K54               | SW1.5X15BK889 |
| D3551-9  | 18             | 1.5           | 6605K55               | SW1.5X18BK889 |
| D3551-11 | 24             | 1.5           | 6605K56               | SW1.5X24BK889 |

### **D3551-X HOOK AND LOOP TIE**

MATERIAL: BLACK BACK-TO-BACK HOOK AND LOOP MATERIAL, FLAME-RETARDANT NYLON

## **Dart Aerospace Ltd**

| W/O:    |      | WORK ORDER CHANGES |                      |                              |                |                        |          |                                     |                          |  |  |  |  |  |
|---------|------|--------------------|----------------------|------------------------------|----------------|------------------------|----------|-------------------------------------|--------------------------|--|--|--|--|--|
| DATE    | STEP | PRO                | OCEDURE CHA          | NGE                          | Ву             | Date                   | Qty      | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |  |  |  |  |
|         |      |                    |                      |                              |                |                        |          | Frod Wigi                           |                          |  |  |  |  |  |
|         |      |                    |                      |                              |                |                        |          |                                     |                          |  |  |  |  |  |
|         |      |                    |                      |                              | 11             |                        |          |                                     |                          |  |  |  |  |  |
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|         |      |                    |                      |                              |                |                        |          |                                     |                          |  |  |  |  |  |
| Part No | :    | PAR #:             | Fault Category: NCF  |                              |                | NCR: Yes No DQA: Date: |          |                                     |                          |  |  |  |  |  |
|         | Re   | esolution:         | Disposition          | on:                          | QA: N/C C      | osed:                  |          | Date: _                             |                          |  |  |  |  |  |
| NCR:    |      |                    | WORK ORD             | ER NON-CONFORMAN             | ICE (NCF       | R)                     |          |                                     |                          |  |  |  |  |  |
| DATE    | CTED | Description of NC  |                      | on B Verificati              |                |                        | Approval | Approval                            |                          |  |  |  |  |  |
| DATE    | STEP | Section A          | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date | Sec                    | tion C   | Chief Eng                           | QC Inspector             |  |  |  |  |  |
|         |      |                    |                      |                              |                |                        |          | J                                   |                          |  |  |  |  |  |
|         |      |                    |                      |                              |                |                        |          |                                     |                          |  |  |  |  |  |
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|         |      |                    |                      |                              |                |                        |          |                                     |                          |  |  |  |  |  |

NOTE: Date & initial all entries

<sup>❤ ऻি:\</sup>fFORMS\Quality Assurance\approved QA\NCRWO RevE



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

#### **PURCHASE ORDER**

Purchase Order ID PO12702

Purchase Order Date 10/06/10 PO Print Date 10/06/10

Page Number 1 of 2

Order From:

VU-MCM001

MCMASTER-CARR SUPPLY CO, P.O. BOX 7690

CHICAGO, IL 60680-7690

US

**Contact Name** 

Vendor Phone

330 995 5500

Vendor Fax

330 995 9600

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms Currency

**FOB** 

Chantal Lavoie

10127-2607

Net 30 USD

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 



| Line Nbr    | Reference<br>Revision ID<br>Vendor Part Number | Description/<br>Mfg ID        | Req Date/<br>Taxable Un                   | Req Qty/<br>it of Measure | Ship Method      | Unit Price | Extended<br>Price |
|-------------|--|-------------------------------|---|---------------------------|------------------|------------|-------------------|
| l 660       | )5K56  | HOOK AND LOOP TIE             | 10/08/10<br>Yes                           | 36.00<br>Each             | Purolator ground | \$2.8600   | \$102.96          |
|             |  | Special Inst:                 | AS PER DWG D3:<br>B62648<br>MCMASTER P/N: |                           |                  |            |                   |
| 2           |  | 5503A15 ALLEN KEY<br>5/64"    | 10/08/10<br>No                            | 5.00                      | Purolator ground | \$0.7200   | \$3.60            |
| Deliver To: | : J-L  | 3498A13 CENTER<br>PUNCH 5/32" | 10/08/10<br>No                            | 1.00                      | Purolator ground | \$2.9700   | \$2.97            |

Deliver To: PAT.D

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

**Change Date:** 10/06/10

# MASTER-CARR.

200 Aurora Industrial Parkway Aurora OH 44202 330-995-5500 cle.sales@mcmaster.com

Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada



McMaster-Carr Number 7111851-01

3 - 125 - 11 43 - 39 K56

10/06/2010

Page 1 of 2\*

**A83** 

2

Description ਚਿook and Loop Cable Tie, Black Flame-Retardant 6605K56 Wrap Around, 24" L 3/4" Width, Packs of 5

Unit Price: Extended Price:

\$13.89 \$111.12 (Packs

Ordered Shipped

8

Each

5

1

1

Each

5

1

1

1 - 495

1 - 122

3 - 641

Ball-Point L-Key, 5/64" Hex, 3-3/16" Blade Length 5503A15

Unit Price: Extended Price:

\$0.72

\$3.60

Round Knurled-Handle Center Punch, 5/32" Point Diameter, 3/8" Diameter Handle, 4" L Overall

Unit Price: Extended Price: \$2.97 \$2.97

9111T1

3498A13

Flame-Resistant PVC-Coated Nylon Rainwear, Yellow Jacket with Detachable Hood, Large

Each

Unit Price: Extended Price: \$17.02 \$17.02

Charges for this shipment

Merchandise Amount:

\$134.71

Sales Tax:

\$6.74

Total:

\$141.45

Dart Aerospace Ltd

**FXP** 



4 lbs 4 lines

FW1BSP39 10/06/2010 14:00/14:32 772 Cycle 47

38x12x12